

Message Text

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ORIGIN OES-05

INFO OCT-01 EUR-12 ISO-00 FEA-01 ERDA-07 AID-05 CEA-01

CIAE-00 CIEP-02 COME-00 DODE-00 EB-07 FPC-01 H-02

INR-07 INT-05 L-02 NSAE-00 NSC-05 OMB-01 PM-03 SAM-01

SP-02 SS-15 STR-04 TRSE-00 FRB-01 /090 R

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EUR/SOV:TWALSH

FEA:BEVERETT

EB/ORF/FSE:MCREEKMORE

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R 252153Z PEB 75

FM SECSTATE WASHDC

TO AMEMBASSY MOSCOW

UNCLAS STATE 042479

E.O. 11652: N/A

TAGS: ENRG, UR

SUBJECT: ENERGY AGREEMENT: TEMPORARY GROUPS OF EXPERTS

REF: MOSCOW 1587, 1633, 1709, 2347

FOR SCICOUNS

1. OIL, COAL AND GAS TOPICS LISTED MOSCOW 2347 APPEAR
IDENTICAL TO 14 OF 17 TOPICS LISTED AS USSR SUGGESTIONS
APPENDIX 5B JC RECORD.

A) WERE ANY CHANGES INTENDED?

B) DO SOVIETS WISH TO DROP ITEMS 6, 16 AND 17 (MINING
ENVIRONMENT - SEE STATE 284365 PARA 4C AND STATE 11563;
CONSTRUCTION IN SEVERE CLIMATIC CONDITIONS AND EFFICIENCY
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OF ELECTRICITY USE - SEE STATE 262765 PARA 4)? IF NOT, DO SOVIETS ENVISAGE ADDITIONAL GROUP OR GROUPS TO CONSIDER THESE TOPICS?

C) WE DESIRE LIST OF SITES AND EXPERTS USSR WISHES US GROUPS TO VISIT IN USSR FOR EACH OF SOVIET SUGGESTED TOPICS (US OIL AND GAS TEAMS WILL NEED TO VISIT USSR AS WELL AS TO RECEIVE SOVIETS IN US BEFORE PREPARING RECOMMENDATIONS FOR JC).

2. TIMING OF MEETINGS:

A) WHAT SPECIFIC DATES IN APRIL OR MAY DOES USSR SUGGEST FOR MEETING OF INFORMATION AND FORECASTING GROUP IN USSR?

B) MARCH 20 TO APRIL 4 PREFERRED FOR COAL GROUP VISIT TO USSR PER STATE 284365; BUT IMMEDIATE RESPONSE TO THAT MESSAGE NEEDED IN ORDER TO PUT TEAM TOGETHER BY THAT TIME. IF COAL MEETING IN USSR HELD THEN, COAL MEETING IN US MIGHT TAKE PLACE APRIL 16-30.

C) SUGGEST GAS MEETING IN USSR APRIL 1-14 AND IN US MAY 26-JUNE 6. US GAS EXPERTS HAVE OTHER COMMITMENTS EARLIER IN MAY.

D) DISCUSSIONS WITH OIL INDUSTRY HAVE NOT YET PROGRESSED TO POINT OF SUGGESTING DATES. HOWEVER, WE UNDERSTAND THAT VISITS TO SIBERIA IMPRACTICAL BETWEEN MID APRIL AND EARLY JUNE BECAUSE OF SPRING THAW.

3. US GAS GROUP INTERESTED IN EXPLORING FOLLOWING SPECIFICS UNDER SOVIET SUGGESTED TOPICS:

A) LIQUEFACTION OF NATURAL GAS: THERMOPHYSICAL PROPERTIES OF LNG; CONTROL OF LNG FIRES; CONTROL OF VAPOR DISPERSION FROM LNG SPILLS ON LAND AND WATER;

B) CORROSION: SURFACE CLEANING PREPARATION OF LINE PIPE PRIOR TO COATING APPLICATION; PIPELINE COATINGS; METALLURGICAL PIPELINE RESEARCH E.G. STRESS CORROSION AND HYDROGEN STRESS CRACKING.

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4. US GAS TEAM ALSO WISHES TO ASCERTAIN WHAT SOVIETS ARE DOING RE FOLLOWING ADDITIONAL SUBJECTS:

A) PIPELINES: INSTALLATION AND OPERATION OF PIPELINES IN LOW TEMPERATURE REGIONS AND IN ROUGH MOUNTAINOUS TERRAIN AND FABRICATION OF PIPELINES WITH DIAMETER

GREATER THAN 56 INCHES (1,400 MM). (US CONSIDERING POSSIBILITY OF SEPARATE EXCHANGE OF VISITS FOR PIPELINES IN PERMAFROST REGIONS PER MOSCOW 1430);

B) STORAGE: SALT DOME CAVITIES AND OTHER GEOLOGIC STRUCTURES USED FOR STORAGE OF GAS, E.G. MEASURES TO AVOID CAVE-INS, DETERMINATION OF ALLOWABLE MAXIMUM GAS PRESSURE, CONCERN WITH WATER CONTENT IN ROCKS;

C) UTILIZATION: IMPROVEMENT IN EFFICIENCY OF INDUSTRIAL PROCESSES, WASTE HEAT RECOVERY SYSTEMS, GAS-FIRED HEAT PUMPS, AND ELEVATED PRESSURE (2 PSI) GAS-FIRED APPLIANCES;

D) DISTRIBUTION: PLOWING, TRENCHING AND BORING EQUIPMENT; IN SITU INSPECTION OF BELOW GROUND DISTRIBUTION SYSTEMS (E.G. ACOUSTIC EMISSION TECHNIQUE); PLASTIC PIPE MATERIALS (E.G. UTILIZATION, JOINING, ELEVATED PRESSURES, NON-DESTRUCTIVE TESTING, ACCURATE LOCATING BURIED PIPE); DETECTION, LOCATION AND DETERMINATION OF SIZE OF GAS LEAKS (RAPID ACCURATE METHODS TO MINIMIZE NUMBER EXCAVATIONS AND REPAIR TIME).

5. WE PROPOSE THAT OIL GROUP RATHER THAN GAS GROUP CONSIDER US ITEM 4 (GEOCHEMICAL EXPLORATION FOR OIL AND GAS, WHICH WE WISH TO BROADEN TO INCLUDE MICROBIOLOGICAL METHODS OF PROSPECTING).

6. US GAS TEAM WISHES FOLLOWING SITES IN USSR TO BE INCLUDED IN ITINERARY:

A) WELDING INSTITUTE, KIEV

B) PIPELINE DESIGN INSTITUTE, LENINGRAD
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C) INDUSTRIAL UTILIZATION BRANCH, SURATOV

D) ACADEMY OF MUNICIPAL SCIENCE, PANFILOV
(RE DISTRIBUTION)

E) PIPELINE DESIGN INSTITUTE, DONETSK

F) PLANT WHERE OVER 56 INCH DIAMETER PIPE IS ROLLED, FORMED, WELDED, AND INSPECTED (NOVOMOSKOVSKII METALLURGY PLANT REPORTED IN STROITELSTVO TRUBOPROVODOV NO. 4 APRIL 1970 TO BE PRODUCING 2520 MM DIAMETER PIPE)

G) PIPELINE CONSTRUCTION AND INSTALLATION SITES IN
PERMAFROST AREA AND IN MOUNTAINOUS TERRAIN

7. SOVIET GAS TEAM MIGHT WISH TO VISIT FOLLOWING SITES
IN US:

A) LIQUEFIED NATURAL GAS: NORTHERN NATURAL, NEBRASKA

B) SYNTHETIC NATURAL GAS: CONSUMERS POWER, PORT HURON,
MICHIGAN

C) LOW TEMPERATURE HYDROCARBON EXTRACTION: PANHANDLE
PLANT, LIBERAL, KANSAS

D) STEEL MILLS FABRICATING PIPE AND OFF-SHORE STRUCTURES

E) OFF-SHORE PLATFORMS AND PIPE LAYING: J. RAY MCDERMONT
AND BROWN & ROOT.

8. SEPARATE MESSAGE FOLLOWS ON US OIL INTERESTS.

9. REQUEST EMBASSY CONVEY ABOVE TO STOLYAROV AND SEEK
SOVIET RESPONSE.

10. REQUEST COPY LOEBNER DEC. 20 LETTER TO STOLYAROV. KISSINGER

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NNN

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